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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jin-Soo Kim et al.

Art Unit : 1636

Serial No. : 09/785,632

Examiner : McKelvey, Terry Alan

Filed : February 16, 2001

Title : ZINC FINGER DOMAINS AND METHODS OF IDENTIFYING SAME

Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

In response to the restriction requirement mailed July 2, 2002, please amend the claims as follows:

Cancel claims 36-85.

Amend claims 1, 16, 21, 24, and 26 as indicated below. Other claims are reiterated for the convenience of the Examiner.

1. (Amended) A method of identifying a zinc finger domain that recognizes a target site on a DNA, the method comprising:

(a) providing cells containing a reporter construct, the construct comprising a reporter gene operably linked to a promoter, wherein the reporter gene is expressed above or below a given level when a transcription factor recognizes both a recruitment site and a target site of the promoter, but not when the transcription factor recognizes only the recruitment site of the promoter;

(b) providing a plurality of hybrid nucleic acids, each of which encodes a non-naturally occurring protein comprising (i) a transcriptional regulatory domain, (ii) a DNA binding domain that recognizes the recruitment site, and (iii) a test zinc finger domain, wherein

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

September 3, 2002
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